

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033703.D
 Acq On : 10 Apr 2018 6:25
 Operator : SJ/JU
 Sample : J2157-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 08:12:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38651	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	155850	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	106104	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	273922	20.00	ng	0.00
75) Chrysene-d12	22.55	240	285195	20.00	ng	-0.01
86) Perylene-d12	26.31	264	298657	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.29	112	331423	160.79	ng	0.00
7) Phenol-d6	7.97	99	420861	118.83	ng	0.00
23) Nitrobenzene-d5	10.06	82	359463	105.97	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	229283	144.48	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	783735	106.63	ng	0.00
78) Terphenyl-d14	20.73	244	1457720	109.31	ng	0.00

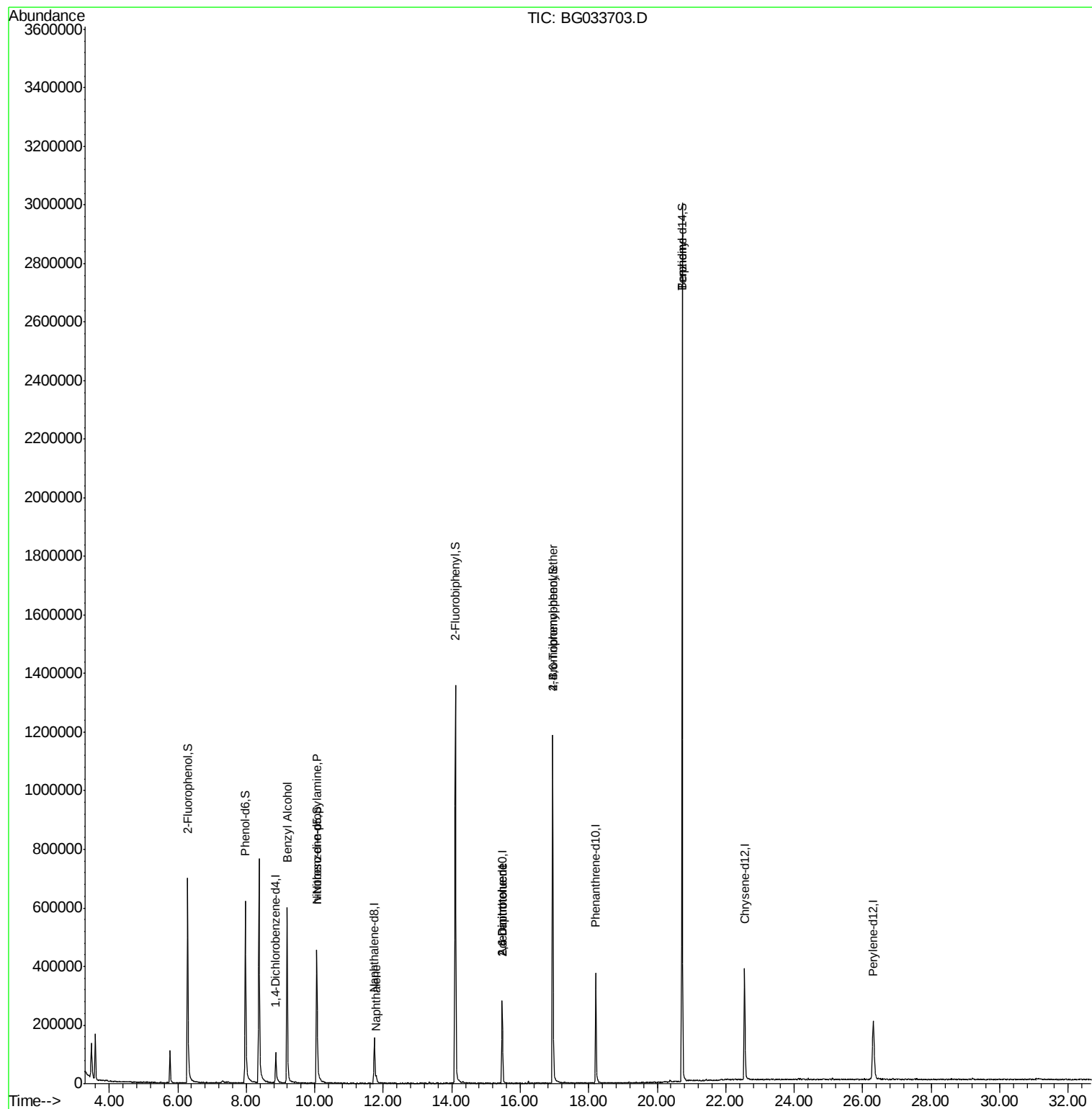
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.19	79	6679	2.395	ng	# 47
19) n-Nitroso-di-n-propylamine	10.06	70	49655	19.133	ng	# 80
31) Naphthalene	11.79	128	17367	2.150	ng	# 89
50) 2,6-Dinitrotoluene	15.47	165	14053	7.443	ng	# 23
56) 2,4-Dinitrotoluene	15.47	165	14052	5.055	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	18700	5.813	ng	# 1
76) Benizidine	20.73	184	24792	3.206	ng	# 87

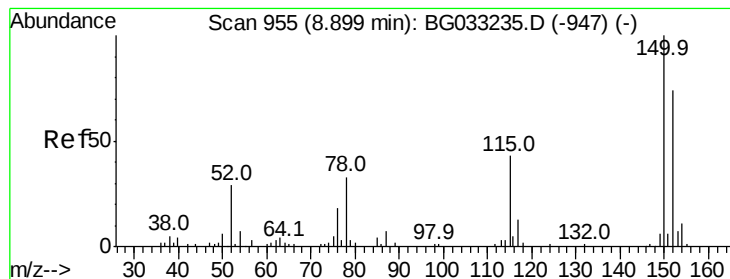
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033703.D
Acq On : 10 Apr 2018 6:25
Operator : SJ/JU
Sample : J2157-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 10 08:12:30 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration



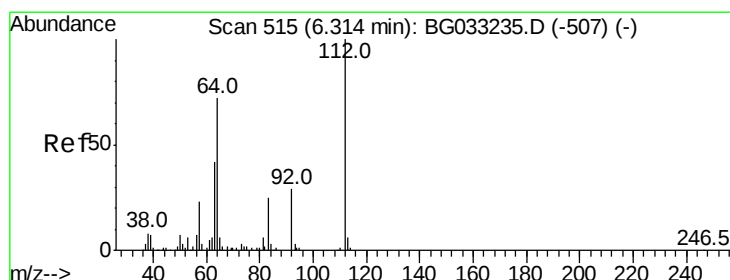
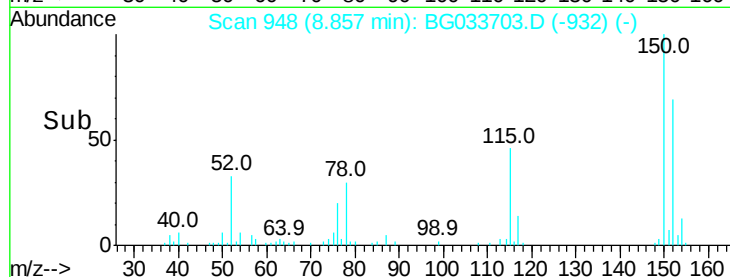
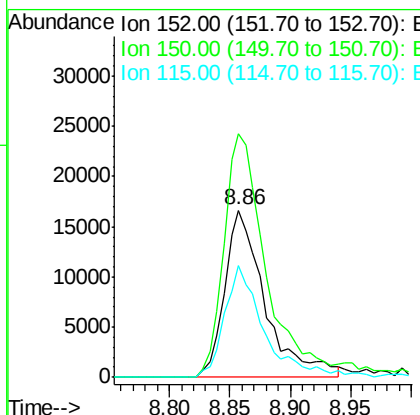
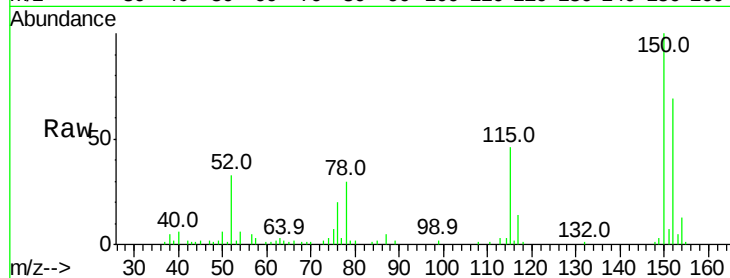


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Instrument :
BNA_G
ClientSampleId :

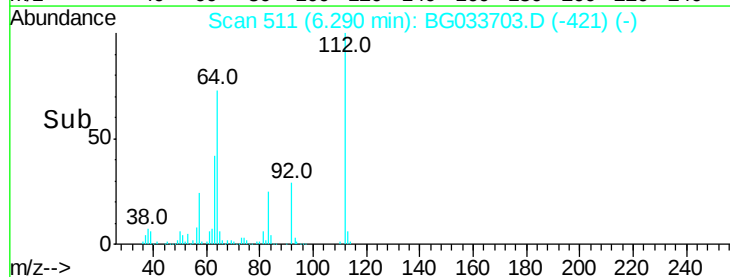
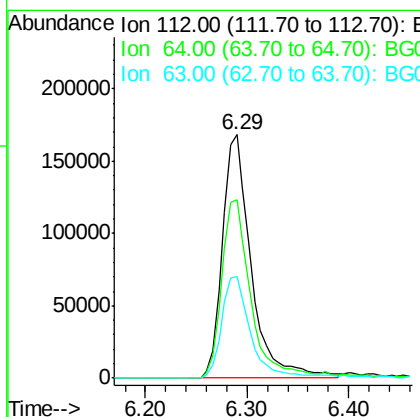
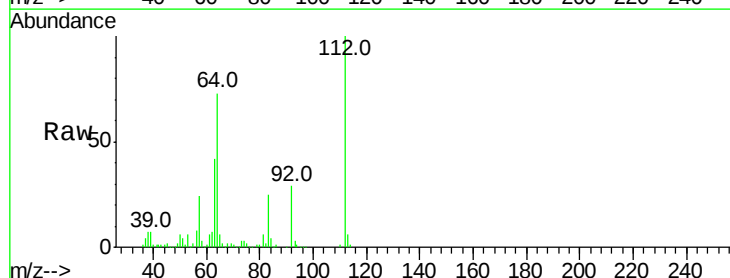
Tot Ion:152 Resp: 38651
Ion Ratio Lower Upper
152 100
150 145.8 126.6 189.8
115 67.0 53.0 79.4

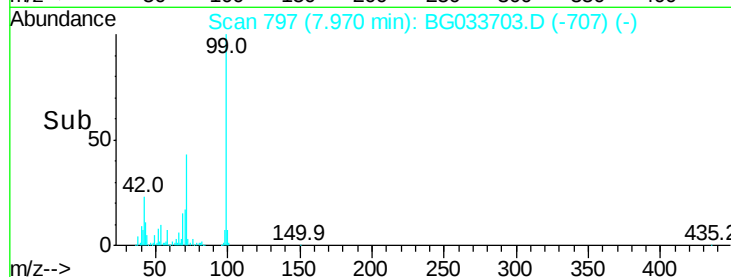
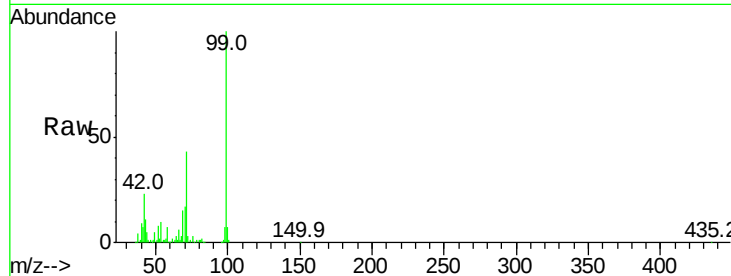
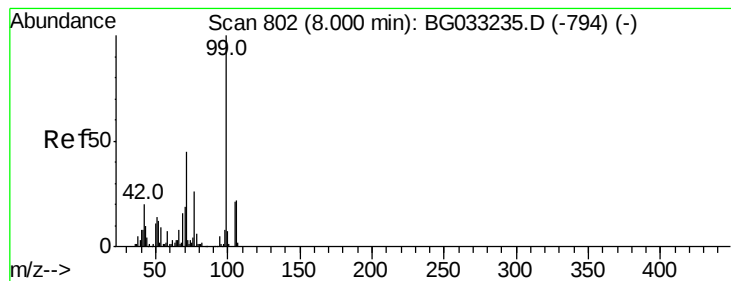


#5

2-Fluorophenol
Concen: 160.787 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Tgt Ion:112 Resp: 331423
Ion Ratio Lower Upper
112 100
64 73.3 56.3 84.5
63 41.7 30.1 45.1





#7

Phenol-d6

Concen: 118.832 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033703.D

Acq: 10 Apr 2018 6:25

Instrument :

BNA_G

ClientSampleId :

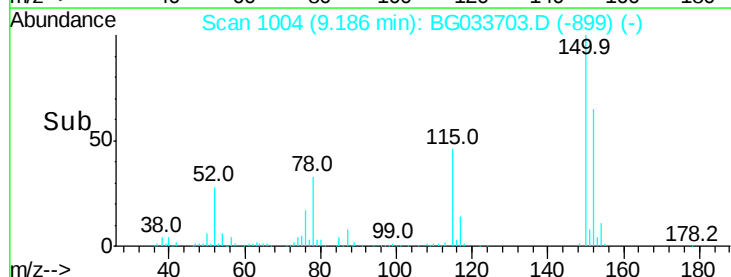
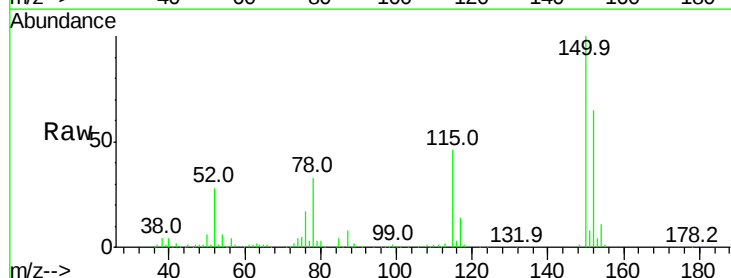
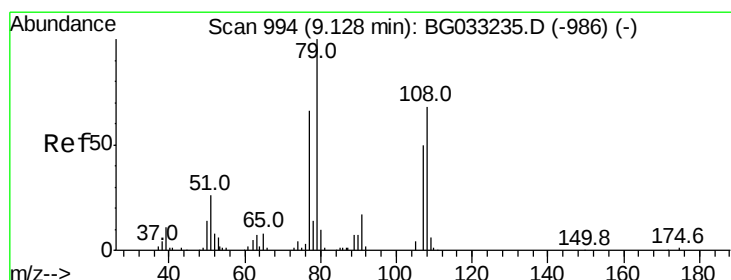
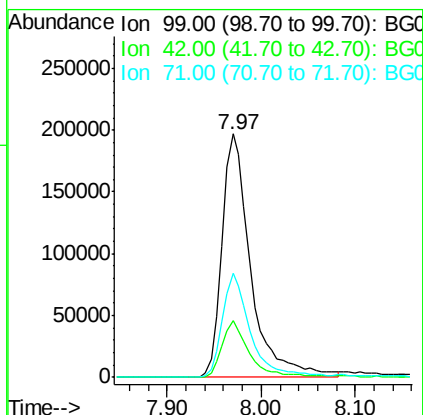
Tot Ion: 99 Resp: 420861

Ion Ratio Lower Upper

99 100

42 23.3 14.1 21.1#

71 42.5 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.395 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033703.D

Acq: 10 Apr 2018 6:25

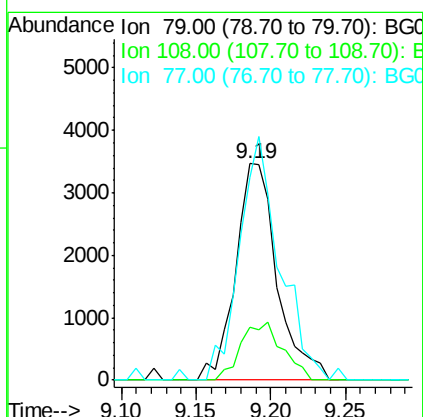
Tgt Ion: 79 Resp: 6679

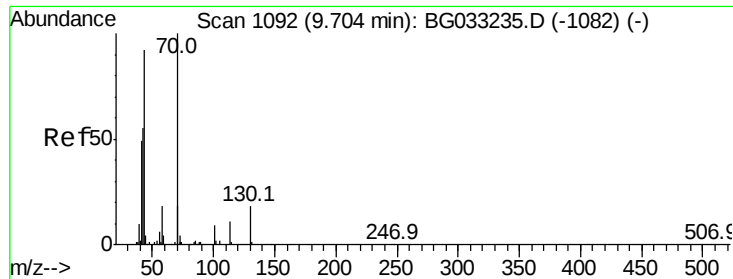
Ion Ratio Lower Upper

79 100

108 24.6 57.2 85.8#

77 93.9 46.1 69.1#

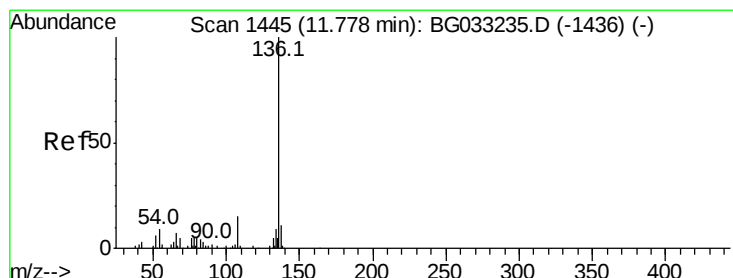
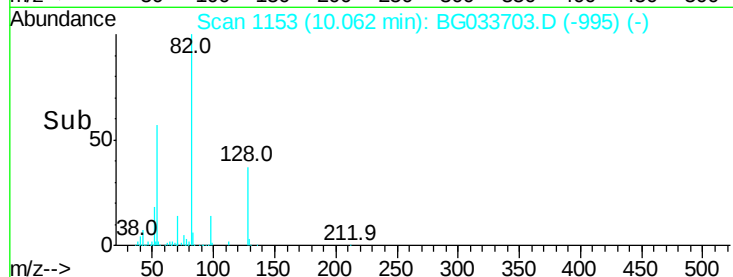
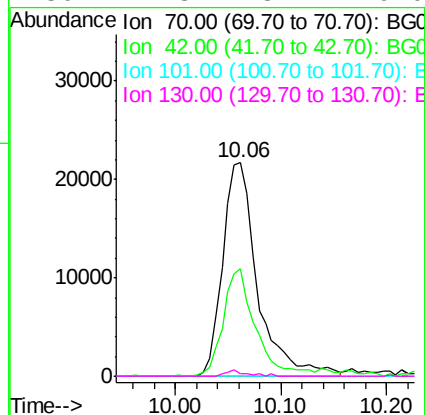
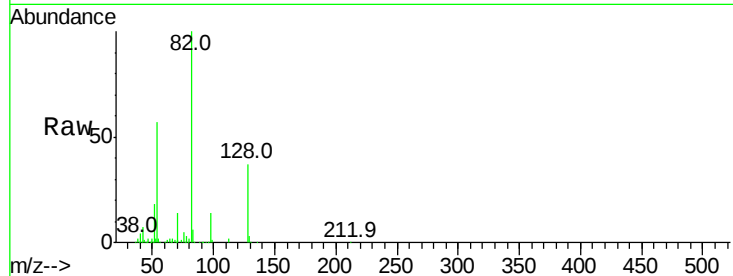




#19
n-Nitroso-di-n-propylamine
Concen: 19.133 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

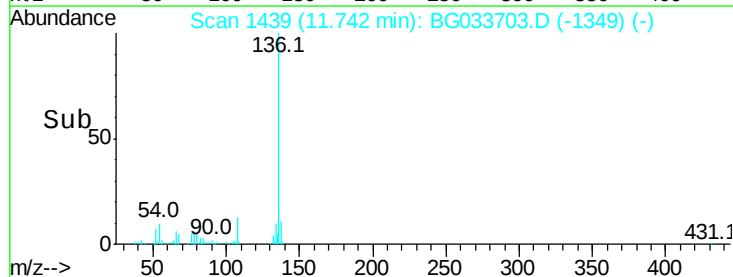
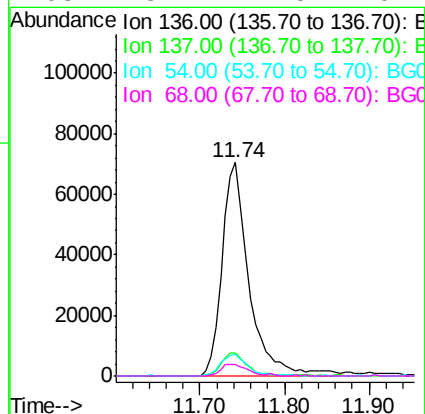
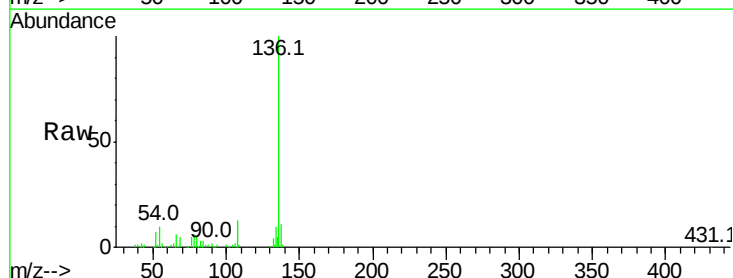
Instrument :
BNA_G
ClientSampleId :

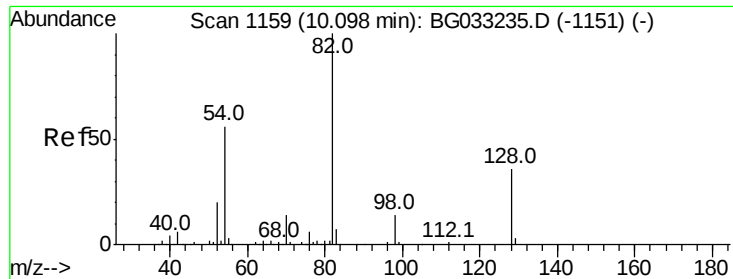
Tot Ion: 70 Resp: 49655
Ion Ratio Lower Upper
70 100
42 50.2 49.1 73.7
101 0.0 8.5 12.7#
130 1.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Tgt Ion: 136 Resp: 155850
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.3 10.3 15.5#
68 5.4 4.5 6.7

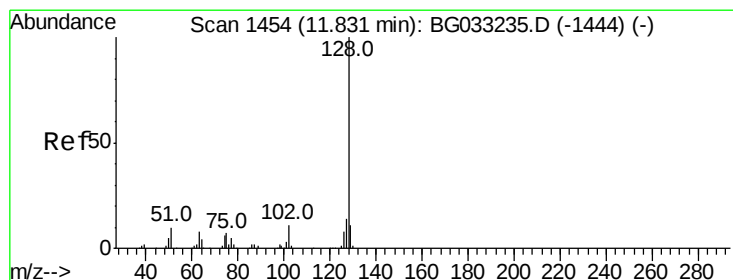
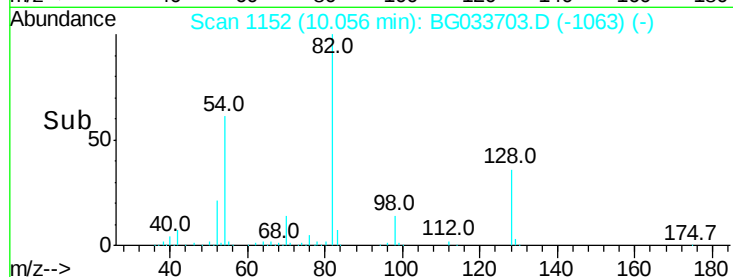
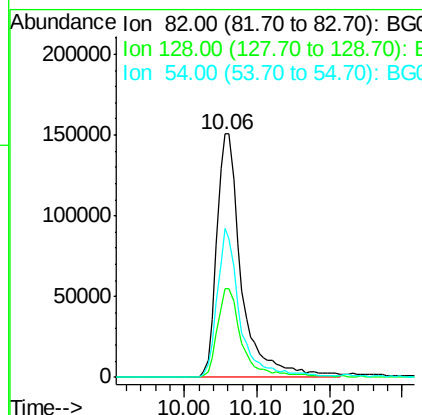
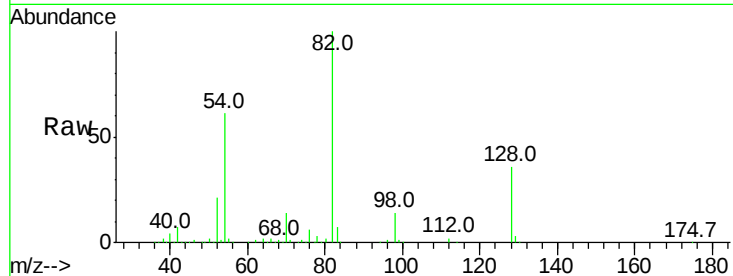




#23
 Nitrobenzene-d5
 Concen: 105.969 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033703.D
 Acq: 10 Apr 2018 6:25

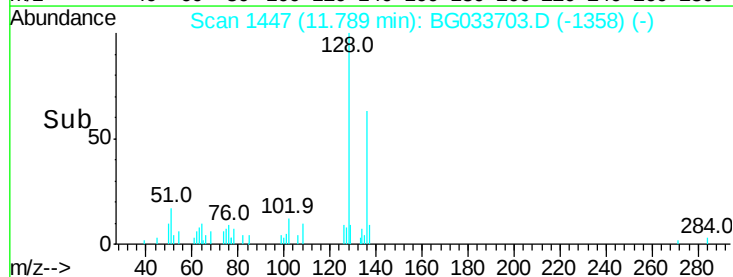
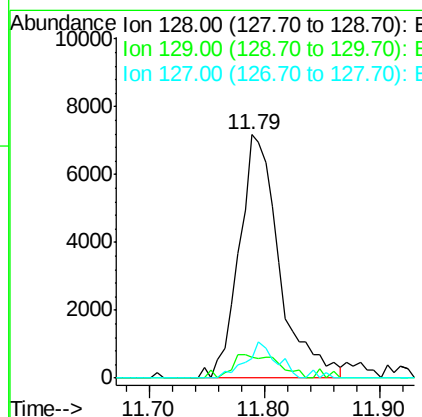
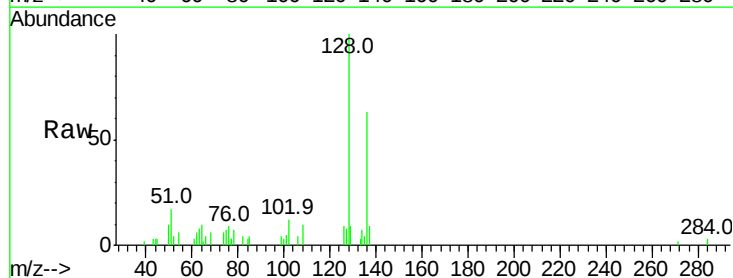
Instrument :
 BNA_G
 ClientSampleId :

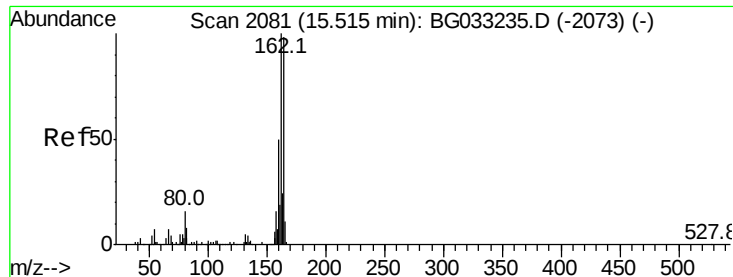
Tot Ion	82	Resp	359463
Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.7	44.5
54	61.1	43.1	64.7



#31
 Naphthalene
 Concen: 2.150 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BG033703.D
 Acq: 10 Apr 2018 6:25

Tgt Ion	128	Resp	17367
Ion	Ratio	Lower	Upper
128	100		
129	8.8	8.6	12.8
127	8.2	11.6	17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

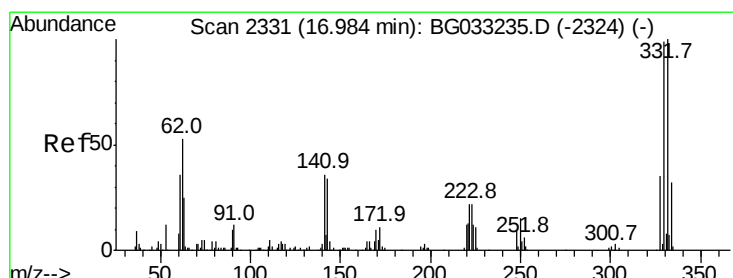
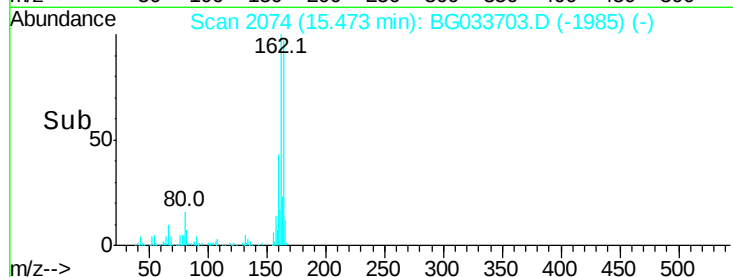
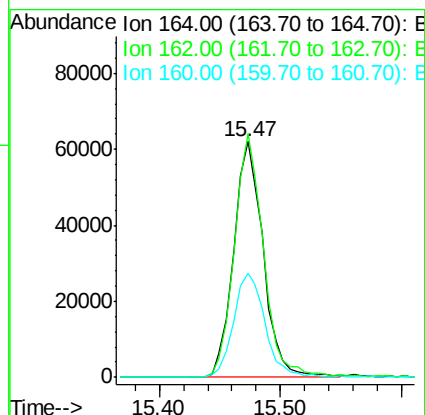
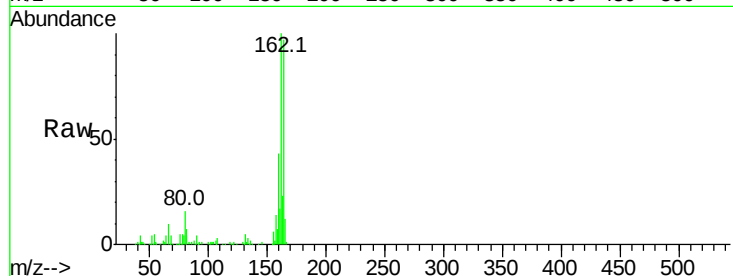
Lab File: BG033703.D

Acq: 10 Apr 2018 6:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 106104

Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	44.3	35.4	53.0



#41

2,4,6-Tribromophenol

Concen: 144.484 ng

RT: 16.95 min Scan# 2325

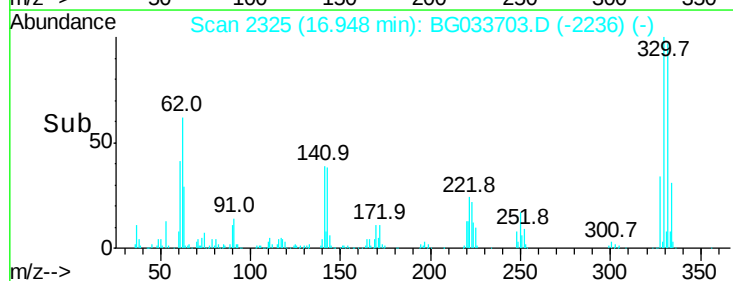
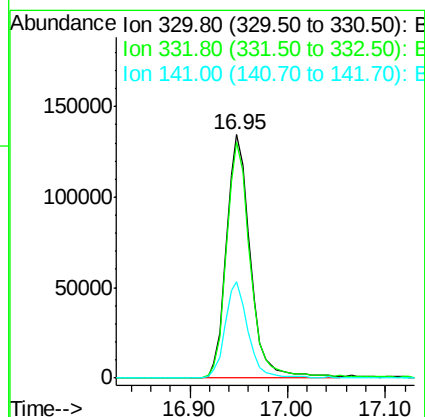
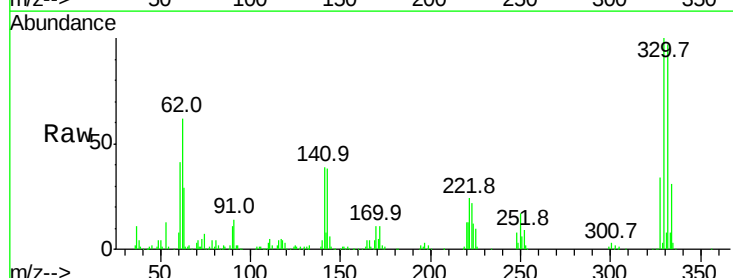
Delta R.T. -0.01 min

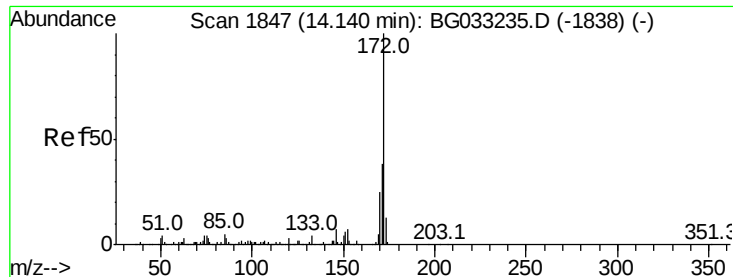
Lab File: BG033703.D

Acq: 10 Apr 2018 6:25

Tgt Ion:330 Resp: 229283

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	38.0	25.2	37.8#





#44

2-Fluorobiphenyl

Concen: 106.634 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG033703.D

Acq: 10 Apr 2018 6:25

Instrument :

BNA_G

ClientSampleId :

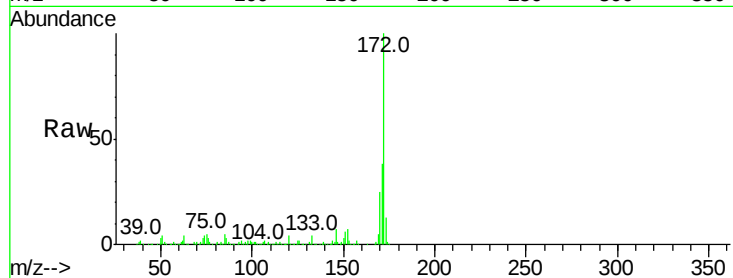
Tot Ion:172 Resp: 783735

Ion Ratio Lower Upper

172 100

171 38.2 30.0 45.0

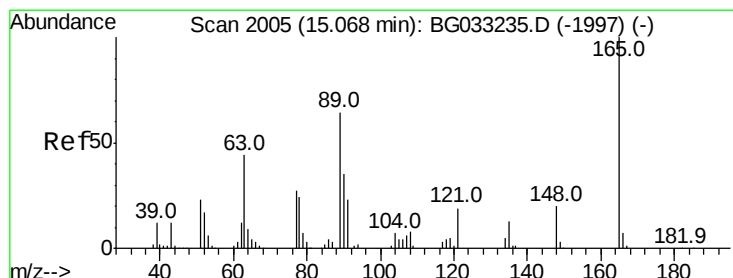
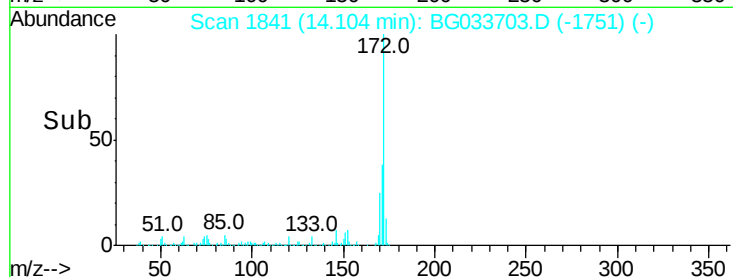
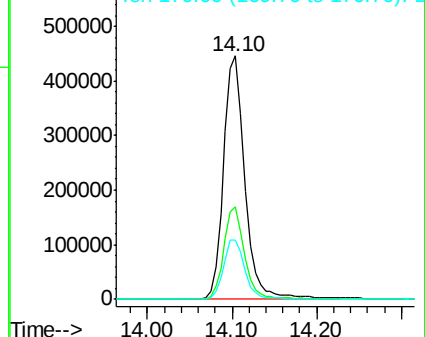
170 24.6 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

2,6-Dinitrotoluene

Concen: 7.443 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.43 min

Lab File: BG033703.D

Acq: 10 Apr 2018 6:25

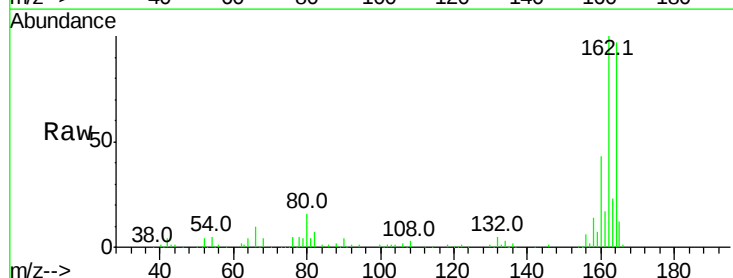
Tgt Ion:165 Resp: 14053

Ion Ratio Lower Upper

165 100

63 4.4 52.7 79.1#

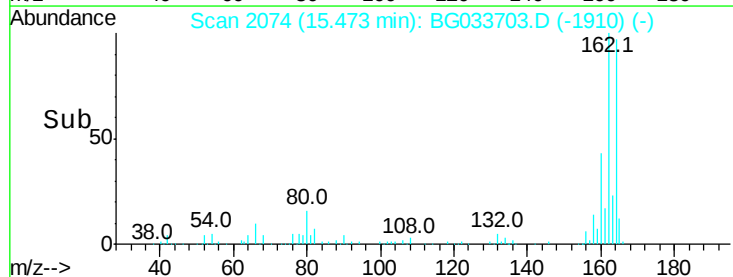
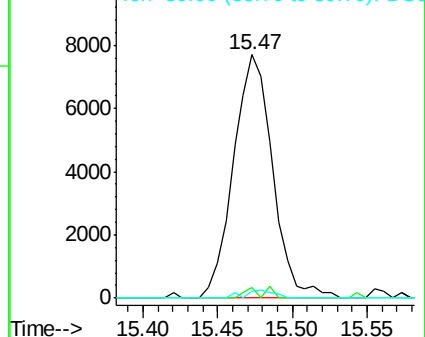
89 2.7 49.2 73.8#

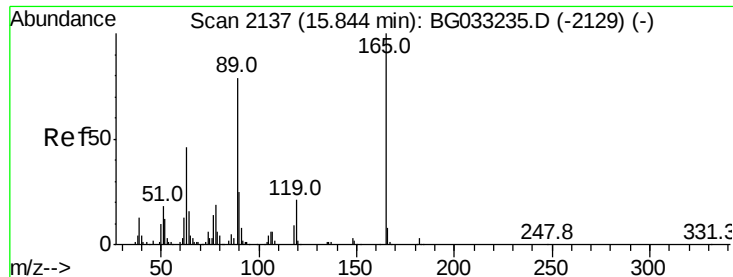


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

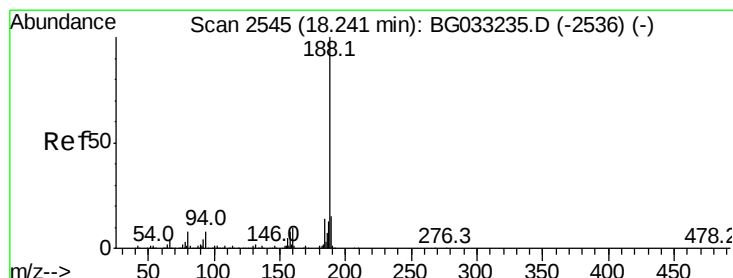
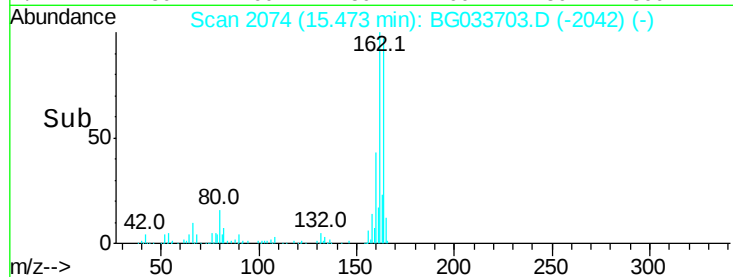
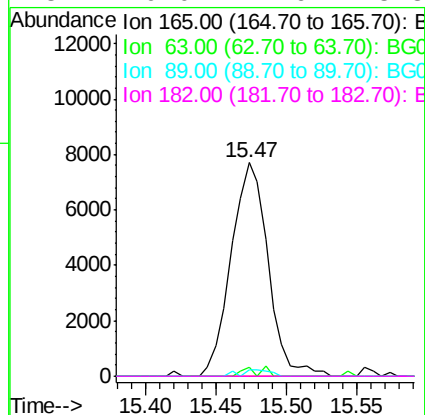
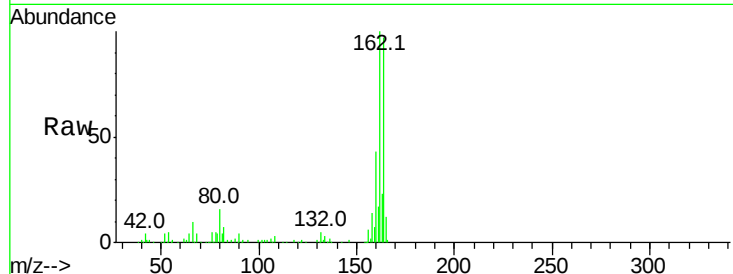




#56
2,4-Dinitrotoluene
Concen: 5.055 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

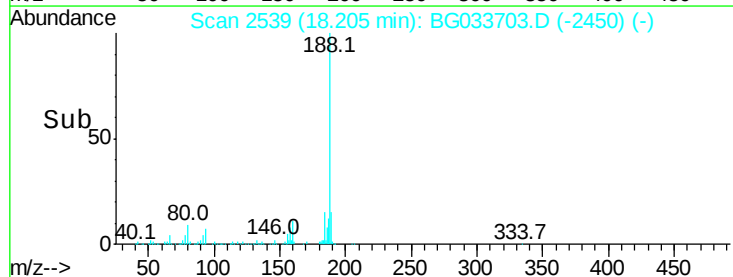
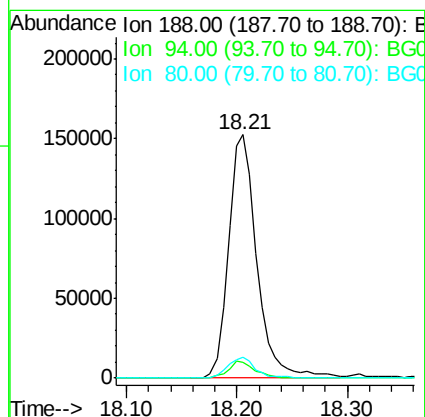
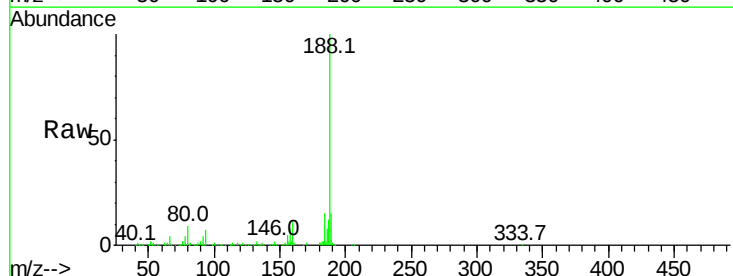
Instrument :
BNA_G
ClientSampleId :

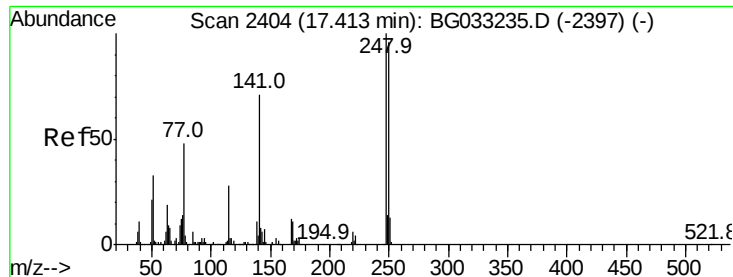
Tot Ion:165 Resp: 14052
Ion Ratio Lower Upper
165 100
63 4.4 42.0 63.0#
89 2.7 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Tgt Ion:188 Resp: 273922
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 8.6 7.7 11.5

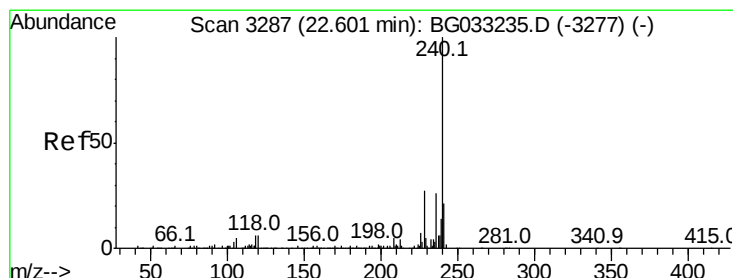
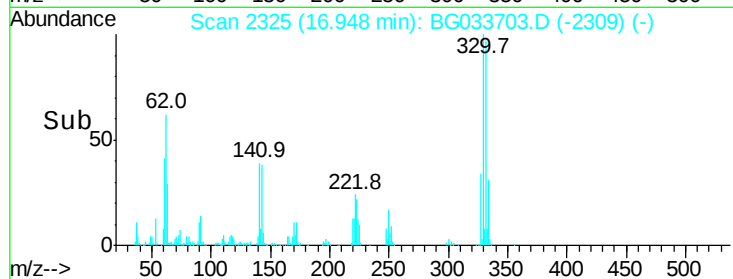
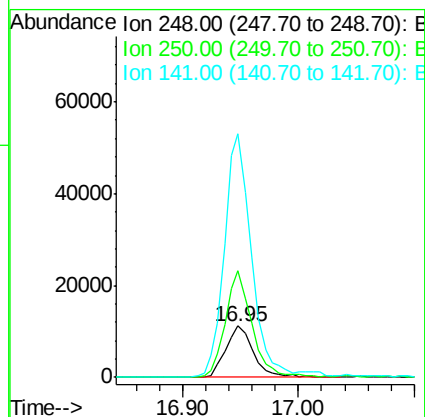
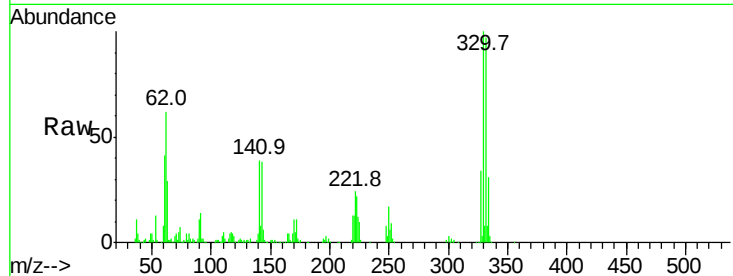




#66
4-Bromophenyl-phenylether
Concen: 5.813 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

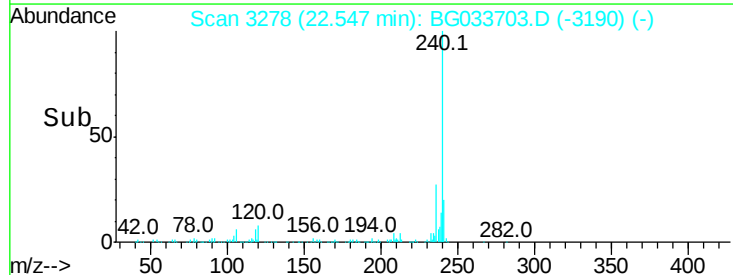
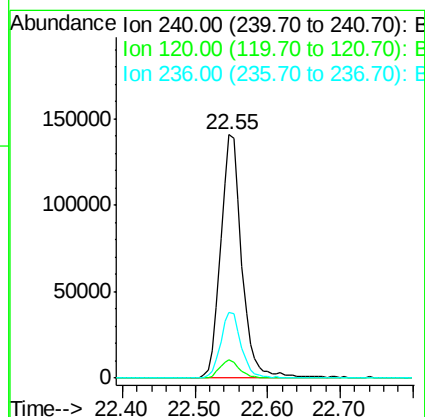
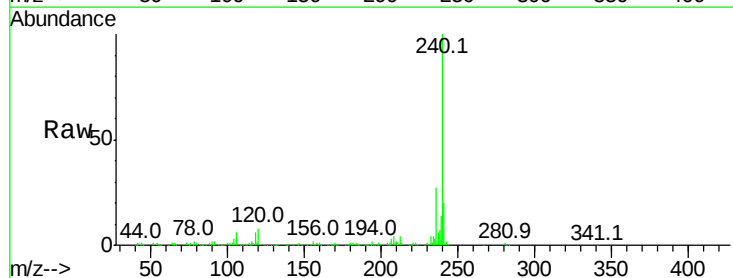
Instrument :
BNA_G
ClientSampleId :

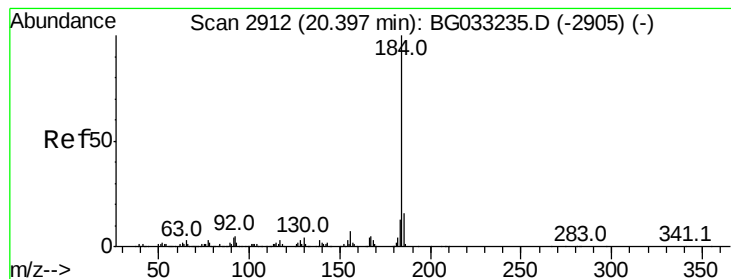
Tot Ion:248 Resp: 18700
Ion Ratio Lower Upper
248 100
250 207.5 77.1 115.7#
141 472.0 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033703.D
Acq: 10 Apr 2018 6:25

Tgt Ion:240 Resp: 285195
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 26.8 20.9 31.3





#76

Benzidine

Concen: 3.206 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033703.D

Acq: 10 Apr 2018 6:25

Instrument :

BNA_G

ClientSampleId :

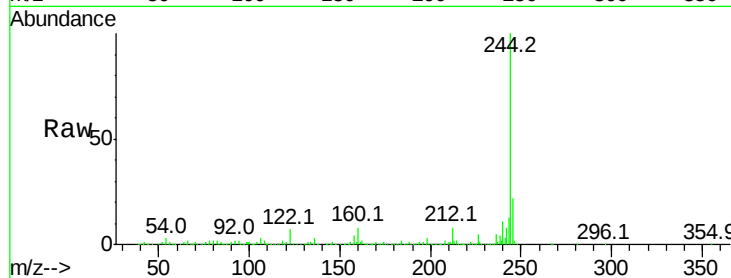
Tot Ion:184 Resp: 24792

Ion Ratio Lower Upper

184 100

185 19.1 11.1 16.7#

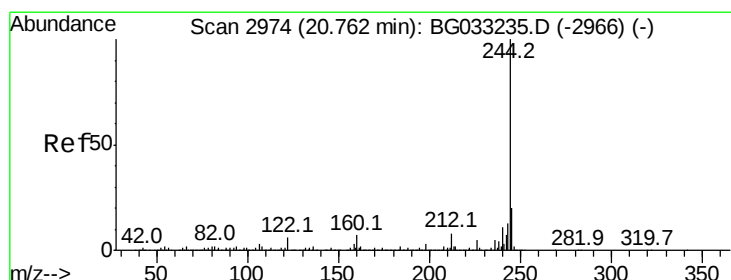
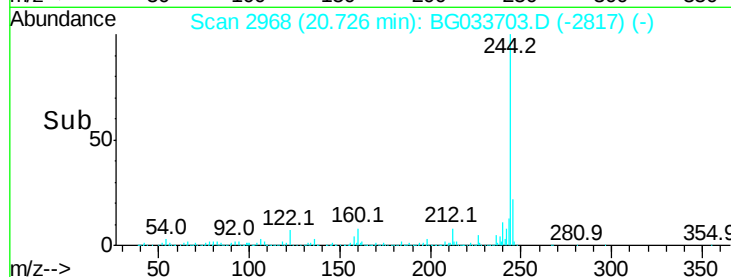
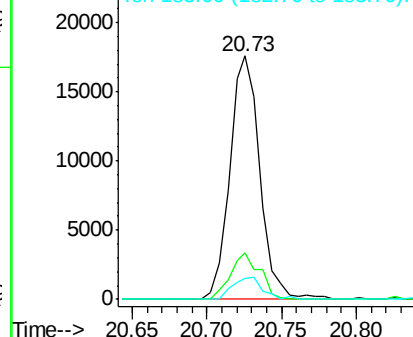
183 8.4 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 109.311 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033703.D

Acq: 10 Apr 2018 6:25

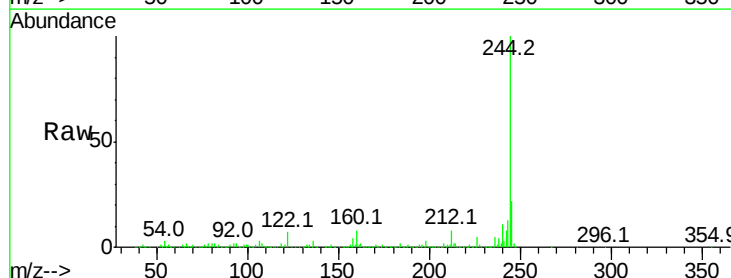
Tgt Ion:244 Resp: 1457720

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

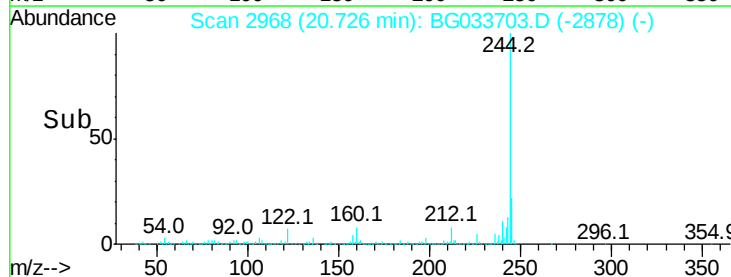
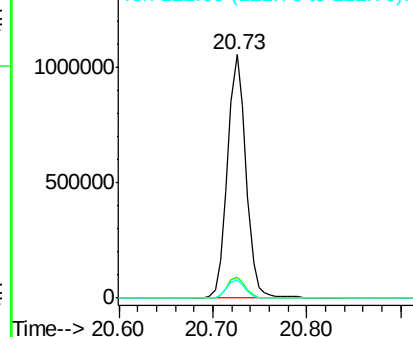
122 7.3 7.0 10.4

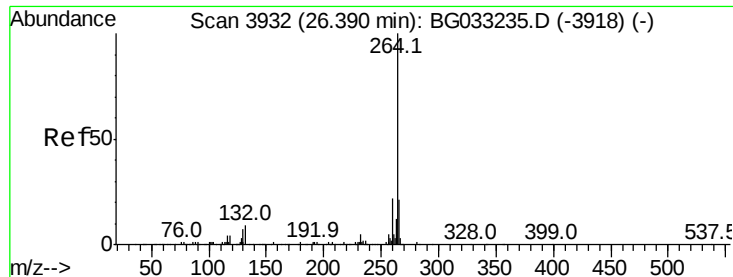


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. -0.01 min
 Lab File: BG033703.D
 Acq: 10 Apr 2018 6:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.2	17.7	26.5

